

On the Causes of the Activity and Disactivation of  
Skeleton Nickel in Irreversible Catalysis

SOV/79-29-5-70/75

ASSOCIATION: Arkhangel'skiy lesotekhnicheskii institut  
(Arkhangel'sk Forestry Technical Institute)

SUBMITTED: March 31, 1958

Card 2/2

PLOTNIKOV, M.A.; YEVSTIFYEVA, T.V.; TAUBER, B.A.; PETROV, V.Ye.;  
ZAV'YALOV, M.A.; NAZAROV, V.V.; ANOPOL'SKIY, M.G.;  
OBRAZTSOV, S.A.; BAMM, A.I.; GATSEVICH, V.A.; CHEVAZHEVSKIY,  
A.P.; DRANISHNIKOV, L.G., retsenzent; ALKEYEV, N.F., otv.  
red.; SLUTSKER, M.Z., red. izd-va; VDOVINA, V.M., tekhn.  
red.

[Lumbering camps; mechanization of work at lower timber  
landings. A handbook] Lesozagotovki; mekhanizatsiia rabot na  
nizhnikh skladakh. Spravochnik. Moskva, Goslesbumizdat, 1962.  
441 p. (MIRA 16:6)

(Lumbering)

DRANISHNIKOV, P.I.; MINTSKOVSKIY, M.SH.; VAYNBERG, D.V., doktor tekhnicheskikh nauk, redaktor; TUROVSKIY, B., redaktor; GABSHANOV, A., tekhnicheskiiy redaktor

[Constructing buildings over mines; with V-shaped foundations]  
Stroitel'stvo zdaniy nad gornymi vyrabotkami; na klinovidnykh fundamentakh. Pod red. D.V.Vainberga. Kiev, Izd-vo Akademii arkhitektury USSR, 1952. 132 p. (MLRA 9:8)  
(Building) (Foundations)

DRANISHNIKOV, P.I., kandidat tekhnicheskikh nauk.

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

A complex method of protecting structure in mining areas. Trudy

VNIMI no.29:93-101 '54.

(MLRA 8:3)

(Mining engineering) (Foundations)

DRANISHNIKOV, P.I., kandidat tekhnicheskikh nauk; MDITSKOVSKIY, M.Sh.,  
kandidat tekhnicheskikh nauk; MARTSENYUK, Ya., redaktor; ZNIEH-  
KOVA, Ye., tekhnicheskiy redaktor

[Designing structures for mining purposes in the Donets Basin;  
instructions] Proektirovanie zdani nad gornymi vyrabotkami v  
Donbasse; ukazaniia. 2-e ispr. i dop. izd. Kiev, Izd-vo Akademii  
arkhitektury URSR, 1955. 62 p. (MLRA 9:3)  
(Donets Basin--Coal mines and mining)

DRANISHNIKOV, P.I., kandidat tekhnicheskikh nauk; MINTSKOVSKIY, M.Sh.,  
kandidat tekhnicheskikh nauk.

Load testing of wedge-shaped and flat foundations. Nov. v  
stroit. tekhn. no.7:101-144 '55. (MLRA 9:11)

1. Nauchno-issledovatel'skiy institut stroitel'noy tekhniki  
Akademii arkhitektury Ukrainskoy SSR.  
(Foundations)

BRANISHNIKOV, Pavel Ivanovich, kandidat tekhnicheskikh nauk; UDAL'TSOV,  
A.B., glavnyy redaktor; BALASHOV, S.I., inzhener, redaktor

[Erecting buildings on wedge foundations] Stroitel'stvo zdani  
na klinovidnykh fundamentakh. Tema 38, no.I-56-38. Moskva, Akad.  
nauk SSSR, 1956. 12 p. (MLRA 10:7)  
(Foundations)

~~DEANISHNIKOV~~, Pavel Ivanovich, kandidat tekhnicheskikh nauk; MARTSENKUK, Ya.,  
redaktor; IOAKIMIS, A., tekhnicheskiiy redaktor

[Foundations for rural buildings and structures] Fundamenty sel'skikh  
zdanii i sooruzhenii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitektu-  
re USSR, 1956. 58 p.  
(Foundations) (MIRA 9:12)



DRANISHNIKOV, P.I., kand.tekhn.nauk

Precast foundations on sagging and light soils. Nov.v stroi.  
tekhn. no.13:174-188 '59. (MIRA 13:4)  
(Foundations) (Soil mechanics)

ROKHLIN, Il'ya Aleksandrovich, kand.tekhn.nauk; LUKASHENKO, Ivan Andreyevich, kand.tekhn.nauk; AYZEN, Arkadiy Markovich. Prinimali uchastiye: DRANISHNIKOV, P.I., kand.tekhn.nauk; MINTSKOVSKIY, M.Sh., kand.tekhn.nauk. KOMAR, A.N. [deceased], red.; BERGER, K., red.; GARKAVENKO, L., tekhn. red.

[Handbook for construction engineers] Spravochnik konstruktora-stroitel'ia. Pod red. A.N.Komara. Kiev, Gostroiizdat USSR, 1963. (MIRA 16:6)  
813 p.

1. Deystvitel'nyy chlen Akademiy stroitel'stva i arkhitektury SSSR i UkrSSR (for Komar).  
(Building)

YAKOVLEV, V.G.; OZEROVA, G.N.; MISHCHENKO, I.K.; DRANISHNIKOVA, L.M.

Periodicity in the function of the mammary glands in absorbing and  
secreting substances. Izv.AN Kir.SSR no.1:91-102 '55. (MIRA 9:9)  
(Mammary glands)

YAKOVLEV, V.G.; DRANISHNIKOVA, L.M.

Role of the lungs in the synthesis of fatty acids. Izv. AN Kir. SSR  
no.6:131-136 '58. (MIRA 11:12)  
(LUNGS) (ACIDS, FATTY)

DRANITSIN, A.

The excursion is an active method of teaching. Prof.-tekh. obr. 14  
no.2:18-19 P '57. (MLPA 10:4)

1. Starshiy metodist Moskovskogo oblastnogo upravleniya trudovykh  
rezervov.

(Moscow--Building trades--Study and teaching)  
(School excursions)

ABAKUMOVA, Ye.A., dotsent; ARTEMONOVA, R.N., assistant; DRANITSINA, V.B., assistant; SHUTOVA, T.N., assistant

Interrelation between decay of the teeth in children and the fluorine content in the waters of some districts in Kalinin Province. Trudy KGMI no.10:74-75 '63.

(MIRA 18:1)

1. Iz kafedry terapevticheskoy stomatologii (zav. kafedroy - dotsent T.T.Shkolyar) i kafedry obshchey khimii (zav. kafedroy - dotsent V.S.Malinovskiy) Kalininskogo gosudarstvennogo meditsinskogo instituta.

YAKOVLEV, V.G.; DRANISHNIKOVA, L.M.

Role of hormonal factors in the metabolism of mammary glands.  
Izv. AN Kir. SSR. Ser. biol. nauk 3 no.2:5-16 '61. (MIRA 14:12)  
(MAMMARY GLANDS) (HORMONES)  
(METABOLISM)

AUTHOR: Dranitsin, A., Chief of the Laboratory of the Central School-  
Methodical Board SOV-27-58-9-9/28

TITLE: An Increase in the Qualification Requirements for Foremen  
of the Building Trade (Povysheniye kvalifikatsii masterov  
stroitel'nykh professiy)

PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 9,  
pp 13 - 14 (USSR)

ABSTRACT: The Central School-Methodical Board of the Main Administra-  
tion of Labor Reserves is conducting systematic studies  
of new technical methods in different fields of the build-  
ing trade. The results of these studies are made available  
at so-called seminars by way of practical demonstrations,  
in order that foremen of the various trades can become  
acquainted with the new methods. Recently, in Moscow, 200  
foremen from 74 oblasts were introduced to present-day tech-  
nology and modern labor methods. The author elaborates on  
the work of these seminars and the methods used in instruct-  
ing bricklayers, plasterers, painters, cabinetmakers and  
other building professions.

Card 1/2



SOV-27-58-9-9/28

An Increase in the Qualification Requirements for Foremen of the Building Trade

ASSOCIATION: Tsentral'nyy uchebno-metodicheskiy kabinet (Central Board for Teaching Methods)

1. Industrial training--USSR

Card 2/2

DRANITSKAYA, R. M.

Dissertation: "Quantitative Determination of Sodium With the Aid of 1,8-Naphthylamine Sulfonic Acid." Cand Chem Sci, Kiev State U, Kiev 1953

W-30928

SO: Referativnyi Zhurnal, No. 5, Dec 1953, Moscow, AN USSR (~~SECRET~~)

"APPROVED FOR RELEASE: Friday, July 28, 2000

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ISUGUY, Ye. K.

"The Division of Green and Violet Modifications of Chromium Sulfate."

report presented at the Section on Colloid Chemistry, VIII Mendeleyev Conference of General and Applied Chemistry, Moscow, 16-23 March 1959.  
(Koll. Zhur. v. 21, No. 4, pp. 509-511)

MOROZOV, A.A.; DRANITSKAYA, R.M.; GAVRIIL'CHENKO, A.I.

Studies in the field of complex chromium sulfates. Nauch.  
szhegod. Khim. fak. Od. un. no.2:65-68 '61. (MIRA 17:8)

DRANITSKAYA, R.M.

Bromatometric determination of 1,5-naphthylaminesulfonic acid.  
Nauch. ezhegod. Khim. fak. Sd. un. no. 2:70-72 '61.  
(MIRA 17:8)

DRANITSKAYA, R.M.; GAVRIL'CHENKO, A.I.; MOROZOV, A.A.

State of germanium and arsenic in solutions and their separation  
by means of ionic exchange. Ukr.khim.zhur. 28 no.7:866-870 '62.  
(MIRA 15:12)

1. Odesskiy gosudarstvennyy universitet im. I.I.Mechnikova.  
(Germanium) (Arsenic) (Ion exchange)



GAVRIL'CHENKO, A.I.; DRANITSKAYA, R.M.; VASSILEV, I.I.

Recovery of silver from fixing bath wastes by means of anion  
exchangers. Ukr. khim. zhur. 30 no.10:1113-1115 '64.

(MIRA 17:11)

1. Odesskiy gosudarstvennyy universitet.

ACCESSION NR: AP4040672

8/0075/64/019/006/0769/0771

AUTHOR: Dranitskaya, R. M.; Liu, Chen-chuang

TITLE: Separation of germanium from trivalent arsenic by the method of ion exchange chromatography

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 6, 1964, 769-771

TOPIC TAGS: germanium arsenic separation, ion exchange chromatography, anionite, trivalent arsenic

ABSTRACT: A method was developed for separating mixtures of Ge(IV) from As(III), on an EDE-10P anion exchanger in the Cl-form. Optimum conditions were established for the quantitative sorption of Ge(IV) onto the anionite and the complete transfer of the As(III) into the filtrate. The work was carried out under dynamic conditions; the solution of germanium and arsenic was passed at 1.5 ml/min. through a column 1 cm. in diameter filled with 5 gm. of the anionite of 0.5-1 mm size. Arsenic is sorbed to a large extent onto the anionite in the OH-form, but is not adsorbed onto the Cl-form; germanium is adsorbed on the Cl-form. Essentially complete separation can be effected, even with a  $\text{GeO}_2:\text{As}_2\text{O}_3$  molar ratio of 200:1.

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ACCESSION NR: AP4040672

Optimum pH is about 4 (higher pH is favorable for sorption of the arsenic). The germanium may be extracted from the anionite with 9M HCl, indicating a strong bond between the  $\text{GeO}_2$  and the structural group of the resin. Orig. art. has: 4 tables.

ASSOCIATION: Odesskiy gosudarstvennyy universitet im. I. I. Mechnikova (Odessa State University)

SUBMITTED: 06Sep63

ENCL: 00

SUB CODE: IC

NO REF SOV: 005

OTHER: 003

Card 2/2

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**CIA-RDP86-00513R0004111200**

**APPROVED FOR RELEASE: Friday, July 28, 2000**

**CIA-RDP86-00513R00041112001**

Dranitskiy, L.V.

URIN, E.B.; DRANITSKIY, L.V.; CHERNOV, E.A.

A simple electric drive with a booster generator. Stan. 1 instr.  
26 no.11:33-34 N '55. (MLEA 9:2)  
(Machine tools--Electric driving)

ROZMAN, Ya.B.; DRANITSKIY, L.V.

The PMU regulated electric drive with magnetic amplifiers for  
machine tools. Stan.1 instr. 32 no.8:4-7 Ag '61. (MIRA 14:8)  
(Machine tools--Electric driving)

ZHUKOV, G.A.; DRANITSKIY, Yu.S.

Primary plastic surgery in skull defects after removal of eosinophilic  
granuloma. Vop. neirokhir. 24 no. 2:54-55 Mr-Sp '60. (MIRA 14:1)  
(SKULL) (EOSINOPHILIC GRANULOMA)



DRANITSYN, A.; KOVALENKO, D.

The foundation is laid. Prof.-tekh.obr. 21 no.3:9-10 Ag '64.  
(MIRA 17:9)

DRANITSYN, A.

Color schemes in classes and workshops. Prof.-tekh. obr. 21 no.7:  
15-17 J1 '64. (MJRA 17:11)

1. Starshiy metodist Moskovskogo oblastnogo uchebno-metodicheskogo  
kabineta.

DRANITSYN, S. N.

DRANITSYN, S. N. -- "Investigation of a Thermohydraulic System of Automatic Level Regulation in the Bodies of Ship Steam Boilers." Min Maritime Fleet USSR. Leningrad Higher Engineering Maritime School imeni Admiral Makarov. Leningrad, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

SOV/124-58-7-7922

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 90 (USSR)

AUTHOR: Dranitsyn, S. N.

TITLE: Determining the Characteristics of a Plane Metal Membrane (Opredele-  
niye kharakteristiki ploskoy metallicheskoy membrany)

PERIODICAL: Uch. zap. Leningr. vyssh. inzh.orsk. uch-shche, 1957, Nr 4,  
pp 95-104

ABSTRACT: An examination is made of the small displacements of a plane mem-  
brane loaded on one side with a hydrostatic pressure and on the other  
by the force of a spring, the spring's force being transmitted to the  
membrane through a rigid spherical body. The problem of determin-  
ing the displacements of the membrane reduces to an investigation of  
the contact surface, the equation for which is obtained in the form of  
an integral. The equation is solved by an approximate method. The  
distribution of the contact pressure along the radius follows a pat-  
tern that is approximated by a second-order parabola. The charac-  
teristics of the membrane are set up by a graphic method, of which  
the author gives an example.

Card 1/1

L. Ye. Andreyeva

1. Metal membranes--Theory

*DRANITSYN, S. N.*

AUTHORS: Antonovich, S.A., Dranitsyn, S.N.

119-2-2/13

TITLE: Investigation of the Working Process of the Thermohydraulic Level Regulator (Issledovaniye rabocheho protsessa termogidravlichesкого regulatora urovnya).

PERIODICAL: Priborostroyeniye, 1958, Nr 2, pp. 8-9 (USSR)

ABSTRACT: This level regulator is used in the machines of ships and in the steam boilers of large and small electric stations, and it effects an exact regulation of the water level in the drums of steam generators.

The mass element of the regulator consists of an internal metal tube the ends of which are connected with the steam- and water volumina of the steam generator. Outside, a second tube having cooling fins is provided. The space between the two tubes is connected with the water vessel.

According to the conditions of heat exchange it is now possible to understand the regulating effect by the behavior in four part-sections. Corresponding formulae are given for them.

The experimental determination of the dynamic characteristic of the regulator showed that the computed values show quite satisfac-

Card 1/2

Investigation of the Working Process of the  
Thermohydraulic Level Regulator

119-2-2/13

tory agreement with those found experimentally. There are  
5 figures and 2 Slavic references.

AVAILABLE: Library of Congress

Card 2/2 1. Boilers-Control systems 2. Feed-water regulators

STRUMPE, P.I., kand. tekhn. nauk, otv. red.; DRANITSYN, S.N.,  
kand. tekhn. nauk, nauchn. red.; KHAEBUR, B.P., inzh.,  
nauchn. red.; GOROBETS, V.A., red.

[Basic research] Osnovnye nauchnye issledovaniia. Le-  
ningrad, Izd-vo "Morskoi transport," 1961. 107 p.  
(MIRA 17:10)

1. Leningrad. Tsentral'nyy nauchno-issledovatel'skii  
institut morskogo flota. 2. Direktor Tsentral'nogo nauchno-issledo-  
vate'skogo instituta morskogo flota, Leningrad (for Strumpe).

DRANITSYN, S., kand.tekhn.nauk

Automatic control of the combustion process in steam boilers of modernized ships. Mor. flot 21 no.8:27-20 Ag '61. (MIRA 14:9)

1. Nachal'nik laboratorii avtomaticheskogo regulirovaniya TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota.  
(Boilers, Marine--Combustion) (Automatic control)



DRANITSYN, S.N., kand.tekhn.nauk

Results of testing the steam throttling system in the automatic  
combustion control of the icebreaker-tug "Taifun." Inform. sbor.  
TSNIIMF no. 64. Tekh. ekspl. mor. flota no. 9:44-53 '61. (MIRA 16:6)  
(Boilers, Marine) (Automatic control)

DRANITSYN, S.N., kandi.tekhn.nauk

Automatic control of marine power plants. Inform. sbor. TSNFIMF no.69 Tekh  
ekspl. mor. flota no.12:3-12 '61. (MIRA 16:3)  
(Boilers, Marine) (Marine turbines) (Automatic control)

DRANITSYN, S.N., kand.tekhn.nauk

Effect of the cooling of water gauges on readings of the  
level indicator glass. Trudy TSNIIMF no.38:65-69 '61.  
(MIRA 15:9)

(Liquid level indicators)  
(Boilers, Marine)

DRANITSYN, S.N.

Flexures of diaphragm-type measuring elements. Izv. tekhn.  
no. 9:24-26 S '62. (MIRA 15:11)  
(Diaphragms (Mechanical devices))

DRANITSYN, S.N., kand.tekhn.nauk; ANTONOVICH, S.A., kand.tekhn.nauk,  
nauchnyy red.; STUMPE, P.I., kand.tekhn.nauk, otv.red.;  
GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVSEINOV,  
I.V., kand.tekhn.nauk, red.; KORCHAGIN, M.I., kand.tekhn.nauk,  
red.; KURZON, A.G., doktor tekhn.nauk, red.; KOZHDESTVENSKIY,  
N.A., kand.tekhn.nauk, red.; SYROMYATNIKOV, V.F., kand.tekhn.  
nauk, red.

[Automation of power plants on seagoing merchant ships.]  
Avtomatizatsiia silovyykh ustanovok morskikh transpor tskh  
sudov. Leningrad, Izd-vo "Morskoi transport," 1965 13 p.  
(Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut  
norskogo flota. Informatsionnyi sbornik, no. 99) (MIRA 17:6)

GOLOVIZNIN, A.M., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk;  
 GRIGOR'YEV, G.T.; KORNYAYEV, Yu.T.; SRABOV, K.Ye.; STRUMPE, P.I.,  
 kand.tekhn.nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk, red.;  
 GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; YEVREINOV, I.V.,  
 kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; KURZON, A.G.  
 doktor tekhn.nauk; MIROSHNICHENKO, I. P. kand.tekhn.nauk;  
 ROZHDESTVENSKIY, N.A., kand.tekhn.nauk; SYROMYATNIKOV, V.F.,  
 kand.tekhn.nauk; BAMA, N.G., red.; STUL'CHIKOVA, N., tekhn.red.

[Marine nuclear steam turbine plants.] Sudovye ladernye  
 proturbinnye ustanovki. Leningrad. Izd-vo "Morskoi transport,"  
 1963. 135 p. Leningrad, TSentral'nyi nauchno-issledovatel'skiy  
 institut morskogo flota. Informatsionnyi sbornik, no. 77/78.  
 Tekhnicheskaya ekspluatatsiya morskogo flota, no. 15/16).  
 (MIRA 17:2)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo  
 instituta morskogo flota (for Goloviznin, Gol'denfon,  
 Grigor'yev, Korniyayev, Srabov).

ACC NR: AP6021538

SOURCE CODE: UR/0281/66/000/003/0102/0108

AUTHOR: Dranitsyn, S. N. (Leningrad)

ORG: none

TITLE: Reliability of redundant equipment units with preventive maintenance

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 3, 1966, 102-108

TOPIC TAGS: reliability theory, redundant system, reliability engineering

ABSTRACT: The author attempts to provide a specific statement of the operating principle of a redundant system periodically subjected to preventive maintenance. A method is outlined for determining the period of continuous operation of this system. It is assumed that the system consists of two identical equipments, primary and stand-by, only one of which is in operation at a given moment, with the other in a no-load condition of reserve. It is further assumed that the stand-by equipment is cut into the system immediately after the primary unit is taken out, and that disconnection of the primary unit is caused either by failure or by the need for scheduled preventive maintenance. Regardless of the cause, repair is assumed to begin immediately after an equipment is taken from the system, to be placed on a stand-by basis after the repair is concluded. A probability analysis of an uninterrupted system operation is made, and an expression for this probability is given in the form of a functional series. Further operations using Laplace transforms and Dirichlet formulas lead to similar

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UDC: 621.3.019.3

ACC NR: AP6021538

expressions for a system consisting of two elements not identical in terms of reliability, and for the optimal period between preventive maintenance inspections under specific conditions. Orig. art. has: 11 formulas.

SUB CODE: 14/ SUBM DATE: 17Sep65/ ORIG REF: 004

Card 2/2



DRANITSYN, V.

Eighteen months in the air. Grashd.av.13 no.4:11 Ap '56. (MLRA 9:7)

1. Zamestitel' komandira podrazdeleniya po politicheskoy chasti.  
(Tagiev, Ali Mamedovich)

*Dranitsyn, V.*

84-9-18/47

AUTHOR: Dranitsyn, V., Political Deputy Chief

TITLE: Seminar for Supervisory Personnel (Seminar rukovodyashchikh rabotnikov)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 9, p. 16 (USSR)

ABSTRACT: The article urges that discipline be increased in operational units. Regular seminars for the purpose of instructing the supervisory personnel about their responsibilities are held in the unit whose chief is comrade Rzhannov. Brigade leaders, aircraft commanders, chiefs of shifts, chiefs of shops and departments, foremen and distinguished pilots participate in these seminars. Comrade Luk'yanov, a squadron commander, and Ali Mamedovich Tagiyev, a Turkman pilot who has flown 3,000,000 km, took the floor at the last seminar meeting.

AVAILABLE: Library of Congress

Card: 1/1

SUKHAREVSKIY, V. M., kand. tekhn. nauk; SHEIN, L. M., inzh.; VASILENKO,  
V. P., inzh.; DRANITSYN, Ye. S., inzh.; STARUSHCHENKO, A. S.,  
nauchnyy sotrudnik

Role of wetting and the moisture regime of coal in the massif.  
Ugol' Ukr. 7 no.4:42-43 Ap '63. (MIRA 16:4)

1. Institut gornogo dela AN UkrSSR (for Sukharevskiy, Shein,  
Vasilenko, Dranitsyn).

(Coal mines and mining)  
(Mine dusts—Prevention)

PHASE I BOOK EXPLOITATION SOV/4394

Dzhelepov, B. S., and G. F. Dranitsyna

Sistematika energiy  $\beta$ -raspada (Energy Patterns of  $\beta$ -Decay) Moscow, Izd-vo AN SSSR, 1960. 57 p. (Series: Svoystva atomnykh yader, vyp. 3)  
4,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Radiyevyy institut.

Ed.: Yu. V. Khol'nov, Candidate of Physical and Mathematical Sciences; Ed. of Publishing House: Ye. A. Semenova; Tech. Ed.: R. A. Zamarayeva.

PURPOSE: This book is intended for scientific workers, aspirants, and advanced students of higher educational institutions working in the field of nuclear spectroscopy.

COVERAGE: The booklet is a critical review of the literature on semiempirical and empirical atomic mass formulas. It includes calculated and experimental data on energies of beta decay shown in charts and tables of energy values

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Energy Patterns of  $\beta$ -Decay

SOV/4394

published up to March 1, 1959. No personalities are mentioned. There are 32 references: 3 Soviet, 24 English, 3 Dutch, 1 German, and 1 Swedish.

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Card 2/3

DRANITSYNA, G.F.; DZHELEPOV, B.S., red.

[Internal conversion factors for  $L_I$ ,  $L_{II}$ ,  $L_{III}$  subshells] Ko-  
effitsienty vnutrennei konversii na  $L_I$ ,  $L_{II}$ , i  $L_{III}$  podobo-  
lochkakh. Pod red. B.S.Dzhelepova. Moskva, Izd-vo Akad. nauk  
SSSR, 1957. 52 p. (MIRA 15:10)  
(Internal conversion (Nuclear physics))

DZHELEPOV, B.S.; DRANITSYNA, G.F.-----

[Systematics of  $\beta$ -decay energies]Sistematika energii  $\beta$ -raspada.  
Leningrad, Izd-vo Akad. nauk SSSR, 1960. 57 p. (MIRA 15:10)  
(Beta rays--Decay)

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*DRANITSYNA, L.V.*

FRIDLYAND, I.G., professor; ~~DRANITSYNA, L.V.~~

On cases of acute poisoning by so-called explosion gases in Leningrad in 1943. Farm.1 toks.10 no.3:35-40 My-Je '47.

(MLRA 7:2)

1, Iz kafedry professional'nykh bolezney, gigiyeny truda i eksportizy trudosposobnosti Leningradskogo gosudarstvennogo ordena Lenina instituta usovershenstvovaniya vrachey im. S.M. Kirova. (Gases, Asphyxiating and poisoning)

KORCHUNOV, N.G.; BARANOV, A.I.; GREKHOV, G.F.; DRANITSYNA, N.N.;  
STRELE, L.A., red.

[Methods of conducting practice training for the students  
of forestry faculties] Metodika provedeniia uchebnoi praktiki  
dlia studentov lesoinzhenernykh fakul'tetov; uchebnoe posobie.  
Leningrad, Leningr. Lesotekhn. akad. 1962. 61 p.

(MIRA 16:7)

(Foresters—Education and training)

ABAKUMOVA, Ye.A., kand.med.nauk; DRANITSYNA, V.B., assistant

Fluorosis and caries lesions of the teeth in Kalinin schoolchildren.  
Stomatologiya 41 no.4:7-10 J1-Ag '62. (MIRA 15:9)

1. Iz kafedry terapevticheskoy stomatologii (zav. - dotsent T.T. Shkolyar) i kafedry obshchey khimii (zav. - dotsent V.S.Malinovskiy) Kalininskogo meditsinskogo instituta.  
(KALININ--TEETH--DISEASES) (KALININ--FLUORINE--TOXICOLOGY)

ORAHITSYNA, V.B.; MALINOVSKIY, V.S. (g.Kalinin)

Counter-flow method for a lecture demonstration of gas absorption.  
Khim.v shkole 9 no.5:56-57 S-O '54. (MIRA 7:9)  
(Chemistry--Experiments) (Absorption)

DRANITSYNA, V.B.; MALINOVSKIY, V.S. (g.Kalinin)

Extraction of oil from plant materials. Khim. v shkole 13 no.4:  
30-32 JI-Ag '58. (MIRA 11:6)  
(Extraction (Chemistry)) (Oils and fats)

DRANITSYNA, V.B., assistant; VENEDIKTOVA, T.M., assistant; PINT, L.V., assistant; BRADIS, A.V., starshiy prepodavatel'; MALINOVSKIY, V.S., dotsent

Content of some microelements in the water and soils of the  
"Zavety Il'icha" State Farm in Kalinin District, Kalinin Province.  
Trudy KGMi no.10:16-18 '63. (MIRA 18:1)

1. Iz kafedrv obshchey khimii (zav. kafedroy - dotsent V.S. Malinovskiy) i kafedry fiziki (zav. kafedroy - starshiy prepodavatel' A.V.Bradis) Kalininskogo gosudarstvennogo meditsinskogo instituta.

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~~DRANITSYNA Ya. A.~~

Production of imperatorin from *Archangelica decurrens* fruits.  
Zhur.prikl.khim. 33 no.4:984-986 Ap '60. (MIRA 13:9)  
(Imperatorin)

DRANITSYNA, Yu.A.

Investigating the fatty oil from the fruit of *Elsholtzia*  
*patrinii* (Lep.) Garcke. Trudy Bot. inst. Ser. 5 no.8:32-34  
1961. (MIRA 14:7)

(Oil and fats)  
(*Elsholtzia*)

DRANITSYNA, Yu.A.

Fatty oils in some members of the carrot family (Umbelliferae)  
from the Sayans. Trudy Bot. inst. Ser. 5 no.8:35-39 '61.  
(MIRA 14:7)

(Sayan Mountains---Archangelica)  
(Oils and fats)  
(Sayan Mountains---Pleurospermum)

DRANITSYNA, Yu.A.

Furocoumarins from the fruit of *Archangelica decurrens* Ldb.  
Trudy Bot. inst. Ser. 5 no.8:43-48 '61. (MIRA 14:7)  
(Furocoumarins) (Tomsk Province—Archangelica)

DRANITSYNA, Yu.A.

A few words on two fatty oil plants of the fam. Umbelliferae from the  
central Sayans. Trudy bot. in 1961. 9:2, 7-8 '61.

(MIRA 15:1)

(Sayan Mountains--Angelica) (Sayan Mountains--Fleurosporum)  
(Oils and fats)

DENISOVA, G.A.; DRANITSYNA, Yu.A.

Localization of compounds of the coumarin series in the tissues of  
the fruit and the root of *Archangelica decurrens* Ldb. Bot. zhur.  
48 no.12:1830-1834 D '63. (MIRA 17:4)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

KERIMOV, S.Sh.; DRANITSYNA, Yu.A.

Study of coumarins and furocoumarins of *Hippomarathrum caspium*  
(DC) Grassh. Khim. prirod. soed. no.5:356-359 '65. (MIRA 18:12)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR.  
Submitted June 5, 1965.

DRANITSYNA, Yu.A.; PIGULEVSKIY, G.V.; BUKREYEVA, T.V.

Coumarin compounds from fruits of *Archangelica decurrens* LDB.  
Zhur.prikl.khim. 38 no.11:2570-2575 N '65.

(MIRA 18:12)

1. Submitted April 23, 1964.



DRANITSYNA, Yu.A.; KERIMOV, S.Sh.; PIGULEVSKIY, G.V.

Furocoumarins in fruits of fennel *Hippomarathum microcarpum* (MB)B  
Fedtsch. Zhur. prikl. khim. 38 no.5:1172-1174 My '65.  
(MIRA 18:11)

1. Botanicheskiy institut AN SSSR.

DENISOVA, G.A.; DRANITSYNA, Yu.A.

Localization of coumarin compounds in the fruit of  
*Archangelica decurrens* Ledeb. Dokl. AN SSSR 146  
no.4:954-955 0 '62. (MIRA 15:11)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR.  
Predstavleno akademikom V.N. Sukachevym.  
(Angelica) (Coumarins)

DRANKIN, D.I. (Chkalov).

K.V. Pupyrev is one of the first Russian investigators of cholera. Sov.sdrav.  
12 no.5:54-57 S-0 '53. (MIRA 6:10)  
(Cholera, Asiatic) (Pupyrev, Konstantin Vasil'evich, 1805- )

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**CIA-RDP86-00513R00041112001**

DRANKIN, D.I.; SIMAGINA, V.A.

Clinical and epidemiological characteristics of brucellosis in persons vaccinated with the dry living vaccine developed by the Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of the U.S.S.R. Zhur.mikrobiol.epid. i immun. no.7:42-47 J1 '55. (MLRA 8:9)

(BRUCELOSIS, prevention and control,  
vacc., dry living vaccine, course of postvaccinal infect.)  
(VACCINES AND VACCINATION,  
brucellosis, dry living vaccine, course of postvaccinal infect.)

DRANKIN, D.I.; MALYUTIN, A.A.

Reactions following vaccination against brucellosis with living  
dry vaccine. Zhur.mikrobiol.epid. i immun. no.11:21-24 N '55.  
(MLRA 9:1)

1. Iz kafedry infektsionnykh bolezney (zav.-dotsent V.P.Golger)  
Chkalovskogo meditsinskogo instituta i Chkalovskoy oblastnoy  
protivobrutselesnoy stantsii (glavnyy vrach A.V.Tselyukin)

(VACCINES AND VACCINATION,

brucellosis, postvacc. reactions after use of living  
dry vaccine)

(BRUCELLOSIS, prevention and control,

vacc., postvacc.reactions after use of living dry vaccine)

EXCERPTA MEDICA Sec 4 Vol. 10/10 Microbiology Oct 57

2351. DRANKIN D.I. Med. Inst. and Prov. Antibrucellosis Station, Chkalov, USSR.  
→ Revaccination against brucellosis with live dry cutaneous vaccine of the Institute of Epidemiology and Microbiology N. F. Gamaleya of the Medical Academy USSR, Moscow (Russian text) Z. MIKROBIOL. 1957 (56-60)

128 subjects were intra-cutaneously revaccinated 2-20 months after s.c. vaccination with anti-brucellosis immunization with live vaccine. In addition 43 persons were vaccinated earlier (also intra-cutaneously). Among both groups were subjects with negative as well as positive serological and allergic reactions. During 7-15 days the local and general reaction were checked in vaccinated subjects. Reaction from the vaccine was observed more often in persons with positive serological and allergic reactions, but even in those with positive sero-allergic reactions the vaccination effects were insignificant. The author is therefore of the opinion that it is possible to carry out intracutaneous revaccination without preliminary serological and allergic tests. 5-15 days after revaccination in a considerable number and after 6 months in most of those remaining the transition of negative immunological reactions to positive was observed. There were no cases of brucellosis notified after revaccination.

Chakhova - Moscow

DRANKIN, D. I.

"The Problem of the Epidemiological Effectiveness of the Live Dry Vaccine of the Institute of Epidemiology and Microbiology imeni N. F. Gamaleya, Academy of Medical Sciences USSR," by D. I. Drankin, Chair of Infectious Diseases, Chkalov Medical Institute and the Oblast Antibrucellosis Station, Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, No 10, Oct 56, pp 82-86

This article describes the results of a study of the epidemiological effectiveness of immunization with the live dry antibrucellosis vaccine of the Institute of Epidemiology and Microbiology imeni Gamaleya in 1952 and 1953 on three threatened sovkhoses and in three meat combines processing brucellar cattle, sheep, and goats. The results of the study are presented in four tables showing: (a) The incidence of brucellosis among positively reacting persons, vaccinated persons, and nonvaccinated persons on three sheep-raising sovkhoses and in three meat combines during the period 1953-54; (b) the effectiveness of immunization with the live dry vaccine on sheep-raising sovkhoses and in meat combines; (c) the epidemiological effectiveness of immunizing various occupational groups among the population of sheep sovkhoses in 1954; and (d) the incidence of "fresh" cases of brucellosis, the number of brucellar animals detected, and the number of people vaccinated from 1951 to 1954.



The data on the fourth table show that "while the number of brucellar animals detected each year has increased, the incidence of fresh cases of brucellosis has decreased almost 'three times.'"

This improvement is not ascribed to the vaccine program alone. "Undoubtedly, a great role was played by such factors as more thorough and earlier detection of brucellar animals, better isolation of them and their early slaughter, a slight increase in the supply of special clothing in recent years, extensive and better sanitary education work, etc."

On the basis of this study, the following conclusions were reached:

"1. The live dry antibrucellosis vaccine of the Institute of Epidemiology and Microbiology imeni Gamaleya reduced incidence among vaccinated persons as compared with unvaccinated persons '5.6-8.2 times.'"

"2. Cases of the disease among vaccinated persons are possible; therefore vaccination does not preclude the use of all the other prophylactic measures."

"3. On sheep-raising sovkhozes and in meat combines, the personnel can be divided into three groups on the basis of their resistance to brucellosis:

"a. Persons who have recovered from brucellosis and react positively are the most resistant.

"b. Persons who have been vaccinated against brucellosis, and possess a moderate degree of resistance.

"c. Unvaccinated persons and those who have not been infected with brucellosis are completely susceptible to infection.

Assigning work concerned with the care of brucellar animals or processing raw products obtained from them must be based on the resistance of the groups indicated above to brucellosis infection.

"4. Mass prophylactic vaccination in an area is one of the factors which assures a reduction in the incidence of 'fresh' cases of brucellosis."

Sum 1258

DRANKIN, D.I., dotsent; TSELUYKIN, A.V., sanitarnyy vrach

Epidemiology of brucellosis and its prevention in the meat processing industry. Gig. i san. 21 no.5:28-32 My '56. (MLRA 9:8)

1. Is kafedry infektsionnykh bolezney Chkalovskogo meditsinskogo instituta i Chkalovskoy oblastnoy protivobrutsellesnoy stantsii. (BRUCELLOSIS, prevention and control, in meat workers in Russia (Rus))

(MEAT, prev. of brucellosis in meat workers (Rus))

DRANKIN, D. I.

"The Problem of Revaccination Against Brucellosis With the Live Dry Cutaneous Vaccine of the Institute of Epidemiology and Microbiology imeni Gamaleya, Academy of Medical Sciences USSR," by D. I. Drankin, Chkalovskiy Medical Institute and Oblast Antibrucellosis Station, Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, Vol 28, No 1, Jan 57, pp 56-60

Results are presented of observations carried out to determine the possibility of using cutaneous vaccine without preliminary laboratory investigation of persons to be revaccinated. The article outlines the revaccination procedure proposed by P. A. Vershilova followed at present with cutaneous vaccine.

Cutaneous vaccine series No 4 and 7, prepared by the Institute of Epidemiology and Microbiology imeni Gamaleya, was used to revaccinate 128 persons. On the basis of laboratory investigations conducted prior to revaccination, these individuals were divided into four groups: (1) with negative serological and allergic reactions, (2) with negative serological and positive allergic reactions, (3) with positive serological and negative allergic reactions, and (4) with positive serological and allergic reactions. A group of 43 persons not inoculated against brucellosis before cutaneous vaccination exhibited 29 negative and 14 positive seroallergic reactions before cutaneous vaccination.

Scanned 1322

Two tables show clinical phenomena following cutaneous vaccination against brucellosis and results of laboratory investigation of persons subjected to cutaneous vaccination. Observations and results are discussed.

The following conclusions on the basis of the results observed are given:

- "1. The extent of local and general reaction to cutaneous revaccination depended on the immunobiological condition of the organism before inoculation (revaccination); in persons who had positive seroallergic reactions for brucellosis before revaccination, local and general reactions were encountered more frequently than in persons who had negative reactions.
- "2. The insignificance of local and general phenomena caused by cutaneous vaccine even in persons with positive seroallergic reactions makes possible the use of cutaneous vaccine without preliminary laboratory investigation of persons being revaccinated at any time after vaccination.
- "3. Cutaneous antibrucellosis vaccine causes a transition from negative to positive seroallergic reactions very rapidly after revaccination in the overwhelming majority of prevaccinated persons." (U)

DRANKIN, D.I., GERASIMOVA, M.M. (Stalinsk)

Brucellosis as related to occupations. Gig. truda i prof. zab.  
2 no.6:8-13 N-D '58 (MIRA 11:12)

1. Gosudarstvennyy institut usovershenstvovaniya vrachey.  
(OCCUPATIONAL DISEASES)  
(BRUCELLOSIS)

DRANKIN, D. I. Doc Med Sci -- (diss) "Epidemiology and prophylaxis <sup>of</sup> ~~against~~  
brucellosis in humans in Orenburgskaya Oblast." [Orenburg] 1959. 29 pp  
(Orenburg State Med Inst. Orenburgskaya Oblast Sanitary Epidemiological  
Station and Inst of Epidemiology and Microbiology im N. F. Gamaley<sup>2</sup>, Acad Med Sci  
USSR), 220 copies (KL, 50-59, 128)

17(2,12)

SOV/16-59-6-33/46

AUTHOR: Drankin, D.I.

TITLE: The Immunological Reactions in Patients Vaccinated Against Brucellosis With Live Dry Vaccine From the IEM of the AMN, USSR. Author's Summary.

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959,<sup>30</sup> Nr 6, p 126 (USSR)

ABSTRACT: Studies were made on large groups of people to trace the course of the immunological reactions in persons injected subcutaneously with dry brucellosis vaccine from the IEM of the AMN, USSR. A positive Burne reaction appeared on the 2nd or 3rd day after vaccination in a very small percentage of cases. After 9 months a positive reaction was noted in more than 50%. At later dates the percentage was stabilized about this figure. The Wright reaction was positive in relatively few people and then in low titers. The Huddleson reaction was positive in 63.8% of the cases, appearing very early (within 5 days in 20% of the cases). It declined rapidly from its maximum incidence on the 16-20th day, but even after 3 years it was preserved in 59.3% of the persons vaccinated. The Opson-phagocytic reaction was positive in 93.7% within 6-15 days of vaccination and was still preserved in 60.5% of the persons after 3 years.

Card 1/2



SOV/16-59-6-33/46  
The Immunological Reactions in Patients Vaccinated Against Brucellosis With Live Dry  
Vaccine From the IEM of the AMN, USSR. Author's Summary.

Thus, these reactions (or one of them) were positive in 90.3% of the persons vaccinated within 4-15 days, in 90.2% after 16-26 days, in 81.2-79.1% after 1-9 months and so on until the end of the observations when the reactions were positive in 70.1-79.1%. It was found that a dose of 0.5 ml of vaccine administered to a person under 16 years gave just as intensive an immunological regrouping as a dose of 1 ml administered to a person older than 16. It was also found that contact with a brucellosis infection affects the state of the immunological reactions in vaccinated persons. Thus, 1-2 months after vaccination 87.1% of the persons who had come into contact with a brucellosis infection gave positive reactions, whereas persons who had not been in contact with infection, this figure was 56%.

SUBMITTED: April 9, 1958

Card 2/2

DRANKIN, D.I.

Epidemiological analysis of seasonal cyclic characteristics of  
brucellosis. Zhur.mikrobiol.epid.i immun. 30 no.8:85-89 Ag '59.  
(MIRA 12:11)

1. Iz Stalinskogo instituta usovershenstvovaniya vrachey..  
(BRUCELLOSIS epidemiol.)  
(PERIODICITY)

DRANKIN, D.I.; ZAMOTIN, B.A.; KORZHEVA, V.S.

Epidemiology of brucellosis of the suis type. Zhur.mikrobiol.  
epid.i immun. 31 no.2:95-100 F '60. (MIRA 13:6)

1. Iz Kemerovskoy oblastnoy sanitarno-epidemiologicheskoy  
stantsii i Stalinskogo instituta usovershenstvovaniya vrachey.  
(BRUCELLOSIS epidemiol.)

DRANKIN, D.I.

Epidemiological classification of brucellosis. Zhur.mikrobiol.,  
epid.i immun. 33 no.4:91-95 Ap '62. (MIRA 15:10)

1. Iz Novokuznetskogo instituta usovershenstvovaniya vrachey.  
(BRUCELLOSIS)

ACHINOVICH, Ye.B.; DRANKIN, D.I.; SERGEYEV, G.V.

Water-borne outbreak of typhoid fever. Zhur.mikrobiol.epid.1  
immun. 33 no.5:112-115 My '62. (MIRA 15:8)

1. Iz Kemerovskoy oblastnoy sanitarno-epidemiologicheskoy stantsii  
i Novokuznetskogo instituta usovershenstvovaniya vrachey.  
(TYPHOID FEVER) (WATER--MICROBIOLOGY)

DRANKIN, D.I.

Examination of market milk of Novokuznetsk for brucellosis.

Zhur. mikrobiol., epid. i immun. 40 no.6:130 Je '63.

(MIRA 17:6)

DRANKIN, D.I.; PANAIOTTI, A.I.; SLUTSKIY, V.I.

Elimination of infectious diseases. Zhur. mikrobiol.,  
epid. i immun. 40 no.6:136-140 Je '63. (MIRA 17:6)

1. Iz Novokuznetskogo instituta usovershenstvovaniya vrachey.

BRANKIN, D.J.; SAMUYLO, O.I.

Epidemiology of outbreaks of swamp fever. Zhur. mikrobiol.,  
epid. i immun. 42 no.7:93-99 J1 '65. (MEDA 18:11)

1. Novokuznetskiy institut usovershenstvovaniya vrachey i  
sanitarno-epidemiologicheskaya stantsiya Kuybyshevskogo rayona  
Novokuznetska.



DRANKIN, D.I.; SENINA, Z.F.

Epidemiology of parotitis. Zhur.mikrobiol., epid. i immun.  
42 no.12:83-87 D '65. (MIRA 1961)

1. Novokuznetskiy institut usovershenstvovaniya vrachey i  
Novokuznetskaya gorodskaya sanitarno-epidemiologicheskaya  
stantsiya.

DRANKO, Ye., master

Re-equipping lighters used for hauling hot agglomerate.  
Mer. flot 19 no.5:26-27 My '59. (MIRA 12:7)

1. Kerchenskiy suderementnyy zaved.  
(Work boats--Equipment and supplies)

DEMENTEV, A. B.

"New Methods Used in American Factories for Machining Surfaces", Sanki i Instrument 10, No. 6, 1959, Auto Plant Leni KIM, Engineer.

Report U-1505, 4 Oct 1951.

DEMENTKOV, A. B.

"New Methods of Machining Plane Surfaces at American Plants", Stanki i Instrument 10, No. 7, 1959, Auto Plant Ineni NEM, Engineer.

Report U-1505, 4 Oct 1951.